

(3) If BOEM waives the requirement that you use a CVA, your project engineer must perform the same duties and responsibilities as the CVA, except as otherwise provided.

§ 585.706 How do I nominate a CVA for BOEM approval?

(a) As part of your COP (as provided in § 585.626(b)(20) and, when required by this part, your SAP (§ 585.610(a)(9)) or GAP (§ 585.645(c)(5)), you must nominate a CVA for BOEM approval. You must specify whether the nomination is for the Facility Design Report, Fabrication and Installation Report, Modification and Repair Report, or for any combination of these.

(b) For each CVA that you nominate, you must submit to BOEM a list of documents used in your design that you will forward to the CVA and a qualification statement that includes the following:

- (1) Previous experience in third-party verification or experience in the design, fabrication, installation, or major modification of offshore energy facilities;
- (2) Technical capabilities of the individual or the primary staff for the specific project;
- (3) Size and type of organization or corporation;
- (4) In-house availability of, or access to, appropriate technology (including computer programs, hardware, and testing materials and equipment);
- (5) Ability to perform the CVA functions for the specific project considering current commitments;
- (6) Previous experience with BOEM requirements and procedures, if any; and
- (7) The level of work to be performed by the CVA.

(c) Individuals or organizations acting as CVAs must not function in any capacity that will create a conflict of interest, or the appearance of a conflict of interest.

(d) The verification must be conducted by or under the direct supervision of registered professional engineers.

(e) BOEM will approve or disapprove your CVA as part of its review of the COP or, when required, of your SAP or GAP.

(f) You must nominate a new CVA for BOEM approval if the previously approved CVA:

- (1) Is no longer able to serve in a CVA capacity for the project; or
- (2) No longer meets the requirements for a CVA set forth in this subpart.

§ 585.707 What are the CVA's primary duties for facility design review?

If you are required to use a CVA:

(a) The CVA must use good engineering judgment and practices in conducting an independent assessment of the design of the facility. The CVA must certify in the Facility Design Report to BOEM that the facility is designed to withstand the environmental and functional load conditions appropriate for the intended service life at the proposed location.

(b) The CVA must conduct an independent assessment of all proposed:

- (1) Planning criteria;
- (2) Operational requirements;
- (3) Environmental loading data;
- (4) Load determinations;
- (5) Stress analyses;
- (6) Material designations;
- (7) Soil and foundation conditions;
- (8) Safety factors; and
- (9) Other pertinent parameters of the proposed design.

(c) For any floating facility, the CVA must ensure that any requirements of the U.S. Coast Guard for structural integrity and stability (e.g., verification of center of gravity), have been met. The CVA must also consider:

- (1) Foundations, foundation pilings and templates, and anchoring systems; and
- (2) Mooring or tethering systems.

§ 585.708 What are the CVA's or project engineer's primary duties for fabrication and installation review?

(a) The CVA or project engineer must do all of the following:

- (1) Use good engineering judgment and practice in conducting an independent assessment of the fabrication and installation activities;
- (2) Monitor the fabrication and installation of the facility as required by paragraph (b) of this section;
- (3) Make periodic onsite inspections while fabrication is in progress and verify the items required by § 585.709;